Topic description IDP

Design and implementation of an easy to use GUI for an energy system optimization tool in Python

Background
The chair of renewable and sustainable energy systems participates in the research project ‘Clean-Tech-Campus’, where a more sustainable energy supply of the TUM research campus in Garching is the main goal. In the course of this project the open source energy system optimization tool ‘urbs’, which was developed at the chair, is used and tailored to the project needs. Part of this effort a simple to use GUI for non-expert users.

Aim and workflow
Aim is the design and implementation of a GUI for the open source energy system optimization tool urbs. The tool itself is mature enough so that the work at the GUI can be started immediately.

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